

In the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1 to 7 . (Canceled)

1 8. (Currently Amended) A method for motion detection image
2 recording, comprising:
3 generating a baseline feature segment associated with a
4 surveillance site;
5 generating a baseline histogram associated with the baseline
6 feature segment;
7 receiving real-time image data corresponding to the
8 surveillance site;
9 detecting a real-time feature segment associated with the
10 surveillance site from the real-time image data;
11 generating a real-time histogram associated with the real-time
12 feature segment;
13 comparing the real-time feature segment with the baseline
14 feature segment by comparing the baseline histogram to the real-
15 time histogram; and
16 recording the real-time image data if the comparison of the
17 real-time feature segment with the baseline feature segment exceeds
18 a feature segment criteria.

1 9. (Currently Amended) The method of Claim 8, wherein
2 detecting a real-time feature segment further comprises
3 transforming the real-time image data using a Hough routine to
4 extract the real-time feature segment from the real-time image
5 data.

1 10. (Currently Amended) The method of Claim 8, wherein
 2 generating a baseline feature segment further comprises:
 3 receiving baseline image data corresponding to the
 4 surveillance site;
 5 detecting a plurality of feature segments corresponding to the
 6 surveillance site from the baseline image data; and
 7 identifying one of the plurality of feature segments as the
 8 baseline feature segment.

1 11. (Currently Amended) The method of Claim 8, wherein
 2 comparing the real-time feature segment further comprises
 3 determining whether an occlusion is present in the real-time
 4 feature segment relative to the baseline feature segment, and
 5 wherein recording the real-time image data comprises recording the
 6 real-time image data if the occlusion exceeds the feature segment
 7 criteria.

1 12. (Original) The method of Claim 8, wherein receiving real-
 2 time image data comprises:
 3 generating analog image data via an analog camera;
 4 converting the analog image data to digital image data; and
 5 transmitting the digital image data to a processor to detect
 6 the real-time feature segment.

1 13. (Currently Amended) The method of Claim 8, wherein
 2 generating a baseline feature segment further comprises:
 3 receiving baseline image data corresponding to the
 4 surveillance site;
 5 detecting a plurality of feature segments associated with the
 6 surveillance site from the baseline image data; and
 7 identifying a subset of the plurality of feature segments as
 8 the baseline feature segment.

14. (Canceled)

1 15. (Currently Amended) The method of Claim 8, wherein
2 comparing the real-time feature segment to the baseline feature
3 segment further comprises:

4 determining a length of the baseline feature segment;
5 determining a length of the corresponding real-time feature
6 segment; and

7 determining whether a difference between the length of the
8 baseline feature segment and the length of the real-time feature
9 segment exceeds the feature segment criteria.

1 16. (Currently Amended) A method for image recording,
2 comprising:

3 generating baseline feature segments corresponding to a
4 surveillance site;

5 generating a baseline histogram corresponding to the baseline
6 feature segments;

7 receiving real-time image data corresponding to the
8 surveillance site;

9 generating real-time feature segments associated with the
10 surveillance site from the real-time image data;

11 generating a real-time histogram corresponding to the real-
12 time feature segments;

13 determining whether an occlusion is present in one or more of
14 the real-time feature segments by comparing the baseline histogram
15 with the real-time histogram; and

16 recording the real-time image data if the occlusion is present
17 in one or more of the real-time feature segments.

1 17. (Original) The method of Claim 16, further comprising:
2 receiving feature segment criteria;

3 determining whether the occlusion exceeds the feature segment
4 criteria; and
5 wherein recording comprises recording the real-time image data
6 if the occlusion exceeds the feature segment criteria.

1 18. (Currently Amended) The method of Claim 16, wherein
2 detecting the real-time feature segments further comprises applying
3 a Hough routine to the real-time image data to extract the real-
4 time feature segments from the real-time image data.

19. (Canceled)

1 20. (Original) The method of Claim 16, further comprising
2 recording the real-time image data if a quantity of the real-time
3 feature segments exceeds a quantity of the baseline feature
4 segments.

1 21. (New) A method for motion detection image recording,
2 comprising:
3 generating a baseline feature segment associated with a
4 surveillance site;
5 determining a length of the baseline feature segment;
6 receiving real-time image data corresponding to the
7 surveillance site;
8 detecting a real-time feature segment associated with the
9 surveillance site from the real-time image data;
10 determining a length of the corresponding real-time feature
11 segment;
12 comparing the real-time feature segment with the baseline
13 feature segment by determining whether a difference between the
14 length of the baseline feature segment and the length of the real-
15 time feature segment exceeds a feature segment criteria; and

16 recording the real-time image data if the comparison of the
17 real-time feature segment with the baseline feature segment exceeds
18 a feature segment criteria.

1 22. (New) The method of Claim 21, wherein detecting a real-
2 time feature segment further comprises transforming the real-time
3 image data using a Hough routine to extract the real-time feature
4 segment from the real-time image data.

1 23. (New) The method of Claim 21, wherein generating a
2 baseline feature segment further comprises:
3 receiving baseline image data corresponding to the
4 surveillance site;
5 detecting a plurality of feature segments corresponding to the
6 surveillance site from the baseline image data; and
7 identifying one of the plurality of feature segments as the
8 baseline feature segment.

1 24. (New) The method of Claim 21, wherein comparing the real-
2 time feature segment further comprises determining whether an
3 occlusion is present in the real-time feature segment relative to
4 the baseline feature segment, and wherein recording the real-time
5 image data comprises recording the real-time image data if the
6 occlusion exceeds the feature segment criteria.

1 25. (New) The method of Claim 21, wherein receiving real-time
2 image data comprises:
3 generating analog image data via an analog camera;
4 converting the analog image data to digital image data; and
5 transmitting the digital image data to a processor to detect
6 the real-time feature segment.

1 26. (New) The method of Claim 21, wherein generating a
2 baseline feature segment further comprises:
3 receiving baseline image data corresponding to the
4 surveillance site;
5 detecting a plurality of feature segments associated with the
6 surveillance site from the baseline image data; and
7 identifying a subset of the plurality of feature segments as
8 the baseline feature segment.

1 27. (New) The method of Claim 21, wherein comparing the real-
2 time feature segment with the baseline feature segment further
3 comprises:
4 generating a baseline histogram associated with the baseline
5 feature segment;
6 generating a real-time histogram associated with the real-time
7 feature segment; and
8 comparing the baseline histogram to the real-time histogram.

1 28. (New) A method for image recording, comprising:
2 generating baseline feature segments corresponding to a
3 surveillance site;
4 receiving real-time image data corresponding to the
5 surveillance site;
6 generating real-time feature segments associated with the
7 surveillance site from the real-time image data;
8 determining whether an occlusion is present in one or more of
9 the real-time feature segments; and
10 recording the real-time image data if the occlusion is present
11 in one or more of the real-time feature segments and a quantity of
12 the real-time feature segments exceeds a quantity of the baseline
13 feature segments.

1 29. (New) The method of Claim 28, further comprising:
2 receiving feature segment criteria;
3 determining whether the occlusion exceeds the feature segment
4 criteria; and
5 wherein recording comprises recording the real-time image data
6 if the occlusion exceeds the feature segment criteria.

1 30. (New) The method of Claim 28, wherein detecting the real-
2 time feature segments further comprises applying a Hough routine to
3 the real-time image data to extract the real-time feature segments
4 from the real-time image data.

1 31. (New) The method of Claim 28, further comprising:
2 generating a baseline histogram corresponding to the baseline
3 feature segments;
4 generating a real-time histogram corresponding to the real-
5 time feature segments; and
6 said step of determining whether an occlusion is present in one
7 or more of the real-time feature segments includes comparing the
8 baseline histogram with the real-time histogram.